Index of Claims



Application No.

10/059,729 Examiner Applicant(s)

BAILEY ET AL

Art Unit

John R. Cottingham

2116

✓ Rejected= Allowed

(Through numeral)
Cancelled

+

Restricted

Non-Elected

I Interference

A Appeal

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Objected

Best Available Copy

|  |          |          |          |          |          |              |              |          |            |          |      |  |          |                |          | ۱.۱      |          |          |          |   |
|--|----------|----------|----------|----------|----------|--------------|--------------|----------|------------|----------|------|--|----------|----------------|----------|----------|----------|----------|----------|---|
|  |          |          |          |          |          |              |              |          |            |          |      |  |          |                |          |          |          |          |          |   |
| Cla  | Date     |          |          |          |          |              |              |          |            | Claim    |      |  | Date     |                |          |          |          | _        |          |   |
| Final  | Original | 11/9/04  | 4        |          |          |              |              |          |            |          |      | Final  | Original |                |          |          |          |          |          |   |
|  | 1        | V        | 1        |          |          |              |              |          |            |          | 1    |  | 51       |                |          |          |          |          |          | Ī |
| 2  | 2        | $\Box$   | 1        |          |          |              |              |          |            |          | 1    |  | 52       |                |          |          |          |          |          | L |
| 3  | 3        | Ц        | Ш        |          |          |              |              |          |            |          |      | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | 53       |                |          |          |          |          |          | L |
| 4  | 4        | 11       | Ц.       | L        | _        | L            |              | <u> </u> | _          |          |      |  | 54       |                |          |          |          |          | Ш        | L |
| 5  | 5        | <b> </b> | Ц        | _        | <u> </u> | L            | L.           | _        |            | _        | ١. ا |  | 55       | _              |          |          |          |          | Ш        | L |
| 6  | 6        | <b>!</b> | 4        | <u> </u> | <u> </u> | <u> </u>     | ļ            | <u> </u> | _          | _        |      | _  | 56       | Ŀ              | $\vdash$ | _        | _        | Ш        | Ш        | L |
| 7  | 7        | -        | Н        | _        | ⊢        |              | _            | ⊢        | ┡          | Ŀ        |      |  | 57       | _              | -        | _        | _        | <u> </u> | <b> </b> | L |
| 5  | 8        | ┞        | Н        |          | ┢        | -            |              | -        | -          | ├        |      |  | 58       | $\vdash$       | H        | _        | Н        | $\vdash$ | Н        | H |
| ib   | 9<br>10  | ╟┈       | Н        | -        | ⊢        | ⊢            | ┝            | ⊢        | ┢          | ⊢        | ł    |  | 59<br>60 | -              | -        | ⊢        | -        | $\vdash$ | Н        | H |
| 11   | 11       | ╫╌       | H        | -        | ╫        | -            | ┝            | -        | ┢          | ⊢        | ł    |  | 61       | H              | H        | Н        | H        | H        | Н        | H |
| 12   | 12       | -        | H        | -        | ┢        | <del> </del> | Н            | -        | ┢          | $\vdash$ | l    |  | 62       | -              | $\vdash$ | $\vdash$ | Н        | -        | Н        | r |
| 13   | 13       | 1        | H        | $\vdash$ | $\vdash$ | -            | $\vdash$     | ┢        | ┢          |          | i    | _  | 63       | H              | $\vdash$ | _        | ┢        | $\vdash$ | Н        | r |
| 14   | 14       | H        | Н        | t        | t        | Н            | Н            |          |            | 1        | 1    |  | 64       | Г              |          | $\vdash$ | $\vdash$ | $\vdash$ | П        | r |
| 15   | 15       | IT       | П        |          |          |              |              |          |            |          | 1    |  | 65       |                |          |          | Г        |          | П        | r |
| 16   | 16       | П        | П        | Γ        |          |              |              |          | Г          |          | ĺ    |  | 66       |                |          |          |          |          | П        | Γ |
| 17   | 17       | П        | П        |          |          |              |              |          |            |          | 1    |  | 67       |                |          |          |          |          |          | Γ |
| 18   | 18       | V        | 2        |          |          |              |              |          |            |          | ]    |  | 68       |                |          |          |          |          |          | Γ |
|  | 19       |          |          | L        |          |              |              |          |            |          |      |  | 69       |                |          |          |          |          |          | Ĺ |
|  | 20       |          | L        |          | L        |              |              |          |            |          |      |  | 70       |                |          |          |          |          |          | Ĺ |
|  | 21       |          |          |          | oxed     |              |              | ot       |            |          | ]    | ·  | 71       |                |          |          |          |          |          | Ĺ |
|  | 22       |          | L        | L        |          |              |              | 匚        |            | L        |      |  | 72       |                |          |          |          |          |          | L |
| $\sqcup$   | 23       | L        | ┖        | 辶        | <u> </u> | <u> </u>     | <u></u>      |          |            | 乚        |      | <u> </u>   | 73       | _              | L        | <u> </u> | ᆫ        | 匚        | L        | L |
| <b>L_</b>  | 24       | _        | _        | ļ_       | 乚        |              | L            | L        | _          | _        | l    |  | 74       | _              | L        |          |          | _        |          | Ĺ |
|  | 25       | _        | _        | ┞-       | ┡        | <u> </u>     | <u> </u>     | L        | <u> </u>   | <u> </u> | 1    | <u></u>  | 75       | _              | L        | _        | <u> </u> | ┕        | _        | L |
|  | 26       | ┡        | ┡        | ╙        | ┡        | <u> </u>     | ┞            | _        | ₽          | <u> </u> |      |  | 76       | <u> </u>       | <u> </u> | <u> </u> | <b> </b> | <u> </u> |          | L |
| $\vdash$   | 27       | _        | ┡        | ├-       | ┡        | ┞            | <u> </u>     | _        | _          | _        |      |  | 77       | <u> </u>       | <u> </u> | $\vdash$ | _        | ⊢        | Щ        | Ļ |
| -  | 28       | ı        | ⊢        | ⊢        | ⊢        | -            | <del> </del> | ⊢        | ⊢          | <u> </u> |      | <u> </u>   | 78<br>79 | -              | ├-       | $\vdash$ | -        | ├─       | Н        | H |
| $\vdash$   | 29<br>30 | $\vdash$ | ⊢        | ⊢        | ╌        | ┢            | -            |          | ⊢          | ⊢        |      |  | 80       | -              | ⊢        | -        | ⊢        | $\vdash$ | $\vdash$ | ŀ |
| -  | 31       | -        | -        | ┝        | ⊢        | ├            | -            | ┝        | -          | ┝        | •    |  | 81       | ⊢              | ⊢        | H        | ⊢        | ⊢        | $\vdash$ | H |
| <del>     </del>                                 | 32       | $\vdash$ | ┢        | ┢        | ⊢        | ┢            | ┝            | ┝        | ╌          | $\vdash$ |      | <b> </b>   | 82       | ⊢              | ┢        | ⊢        | ⊢        | ⊢        | $\vdash$ | H |
| $\vdash$   | 33       | ⊢        | ┢        | ╁        | ╁╌       | -            | $\vdash$     | ┢        | 1          | ┝        | l    |  | 83       | ⊢              | ┢        | ⊢        | -        | ┝        | $\vdash$ | r |
|  | 34       | $\vdash$ | $\vdash$ | †        | $\vdash$ | +-           | ┢            | Ι-       | 1          | $\vdash$ | 1    | <u> </u>   | 84       | $\vdash$       | ┢        | -        | $\vdash$ | -        | H        | H |
| <del>                                     </del> | 35       | H        | -        | $\vdash$ | $\vdash$ | ┢            | Т            | $\vdash$ | T          | $\vdash$ | 1    | <u> </u>   | 85       | H              | -        | Н        | $\vdash$ | Ι        | ┢        | t |
|  | 36       | Т        |          | 1-       | $\vdash$ | 1            |              | $\vdash$ | Г          | Н        | 1    |  | 86       |                | $\vdash$ | $\vdash$ | T        | $\vdash$ | М        | r |
|  | 37       |          |          | Т        | Τ        | T            | Г            | Г        | Г          | Г        | 1    |  | 87       | $\vdash$       |          | Г        | Γ        | Γ        | Г        | r |
|  | 38       | Г        |          | Γ        | Γ        |              |              |          | Г          | Γ        | İ    |  | 88       |                | Г        | Т        |          | Г        |          | r |
|  | 39       |          |          |          | Π        |              | Г            |          |            |          | 1    |  | 89       | Г              |          |          |          |          |          | Γ |
|  | 40       |          |          |          |          |              |              |          |            |          | ]    |  | 90       |                |          |          |          |          |          |   |
|  | 41       |          |          |          |          |              |              |          |            |          | ]    |  | 91       |                |          |          |          |          |          |   |
|  | 42       |          |          |          |          |              |              | L        | L          | L        |      |  | 92       |                |          |          |          |          |          | Ĺ |
|  | 43       | L        | L        | L        | L        | L            | L            | L        | L          |          | 1    |  | 93       | _              | <u>_</u> | L        | L        |          | $\Box$   | Ĺ |
|  | 44       | Ļ.       | _        | _        | L        |              | _            | _        |            |          |      | $\vdash$   | 94       | _              |          | L        | _        |          | _        | L |
|  | 45       | _        | _        |          |          | _            |              | -        |            |          |      |  | 95       |                |          |          |          |          | $\vdash$ | L |
|  | 46       | L        | <u> </u> | $\vdash$ | 1        | <b> </b> _   | ├-           | _        | <b> </b> - | <b> </b> |      | _  | 96       | $\vdash$       | $\vdash$ | ⊢        | <u> </u> | <u> </u> | $\vdash$ | L |
| 1  | 47       | -        | <u> </u> | ⊢        | -        | <b> </b>     | ├-           | _        | <b> </b>   | <u> </u> |      | <u> </u>   | 97       | ⊢              | ┝╌       | <b> </b> | <b> </b> | <u> </u> | ⊢        | L |
|  | 48       | L        | ⊢        | ⊢        |          | ⊢            | ⊢            | -        | -          | ├-       | 1    | <u> </u>   | 98       | <del>  -</del> | -        | <u> </u> | ⊢        | $\vdash$ | <u> </u> | L |
| $\vdash$   | 49       | -        | ├-       | ⊢        | $\vdash$ | ⊢            | -            | -        | ⊢          | ⊢        | l    | ├  | 99       | ⊢              | Ŀ        | ┡        | $\vdash$ | <u> </u> | ⊢        | L |
| $\Box$   | 50       | <u> </u> | Ц.       | ᆫ        | Щ.       | _            | Щ.           | <u> </u> | Ц_         | <u> </u> | ļ    | Щ.   | 100      | Щ              | <u> </u> |          | Щ.       | L        | لـــا    | L |

| Claim |            | Date     |          |                                     |            |          |          |                                     |  |               |    |  |
|-------|------------|----------|----------|-------------------------------------|------------|----------|----------|-------------------------------------|--|---------------|----|--|
| Final | Original   |          |          |                                     |            |          |          |                                     |  |               |    |  |
|       | 101        |          |          |                                     |            |          |          |                                     |  |               |    |  |
|       | 102        |          |          |                                     | ٠          |          |          |                                     |  |               |    |  |
|       | 103        |          |          |                                     |            |          |          |                                     |  |               |    |  |
|       | 104        |          |          |                                     |            |          |          |                                     |  |               |    |  |
|       | 105        | _        | _        | lacksquare                          |            | Ш        |          |                                     | _  |               | l  |  |
|       | 106        | _        | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _          |          | _        | _                                   |  |               | l  |  |
|       | 107        | _        | ┡        | Н                                   | -          | _        |          | <u> </u>                            | L  |               | l  |  |
|       | 108        | _        | ├        | ⊢                                   | H          | H        |          | <u> </u>                            | ⊢  | Н             | l  |  |
|       | 109<br>110 | _        | ⊢        | H                                   | H          |          |          | ┝                                   | ⊢  | -             |    |  |
|       | 111        | -        | ⊢        | ⊢                                   | ⊢          | H        |          | -                                   | $\vdash$   | -             | ı  |  |
|       | 112        | $\vdash$ | $\vdash$ | -                                   | ┢          | -        | _        | -                                   | -  |               |    |  |
|       | 113        |          | $\vdash$ | Т                                   | $\vdash$   | Н        |          | _                                   | <del>                                     </del> | H             | ١. |  |
|       | 114        |          |          |                                     |            |          |          | $\vdash$                            |  |               |    |  |
|       | 115        |          |          |                                     |            |          |          |                                     | Г  | $\overline{}$ |    |  |
|       | 116        |          |          |                                     |            |          |          | •                                   |  |               |    |  |
|       | 117        |          |          |                                     |            |          |          |                                     |  |               |    |  |
|       | 118        |          | _        | L                                   | L          |          | _        | _                                   |  |               | ŀ  |  |
|       | 119        | L_       | _        |                                     | ┖          |          | L_       | <u>_</u>                            |  | L             | 1  |  |
|       | 120        | _        | _        | <u> </u>                            | <b>!</b> _ |          | _        | _                                   | Ŀ  | _             | ļ  |  |
|       | 121        | _        | ┡        | _                                   | <u> </u>   | _        |          | ┡                                   | Ļ  |               | l  |  |
|       | 122        | _        | ├-       | -                                   | ⊢          | Ŀ        | _        |                                     | ⊢  | H             | l  |  |
|       | 123<br>124 |          | ┝        |                                     |            |          |          | $\vdash$                            | ┢  | ⊢             | ł  |  |
|       | 125        | _        | $\vdash$ | ⊢                                   | $\vdash$   |          | ┝        | -                                   | ⊢  | ├             | l  |  |
|       | 126        | _        | $\vdash$ | $\vdash$                            | ┢          |          | -        |                                     | -  | ┢╌            | ١  |  |
| _     | 127        | $\vdash$ | Н        | ┢                                   | ┢          |          | _        | $\vdash$                            | $\vdash$   | <b></b> -     | ١  |  |
|       | 128        |          |          |                                     |            | Г        |          |                                     | Г  |               | l  |  |
|       | 128<br>129 |          |          |                                     |            |          |          |                                     |  |               | Ì  |  |
|       | 130<br>131 |          |          |                                     |            |          |          |                                     |  |               |    |  |
|       | 131        | ·        | L        |                                     | L          |          |          |                                     |  |               | l  |  |
|       | 132        |          | _        | <u> </u>                            | ļ          | L        | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   | L             | ı  |  |
|       | 133        |          | <u> </u> | <u> </u>                            | _          | <b>L</b> | _        | <u> </u>                            | ┡  |               | 1  |  |
|       | 134        |          | H        | ⊢                                   | ⊢          | ⊢        |          | <u> </u>                            | ⊢  | <u> </u>      | ł  |  |
|       | 135<br>136 | <u> </u> | ⊢        | ⊢                                   | ⊢          | -        | -        | H                                   | ⊢  | ├             | ł  |  |
|       | 137        | ┝        | ⊢        | ┢                                   | ⊢          | -        | -        | ⊢                                   | ┢  | ┝             | ľ  |  |
|       | 138        | ┢        | ┢        | ┢                                   | ⊢          | $\vdash$ | -        | ┢                                   | $\vdash$   | ┢─╴           | ł  |  |
|       | 139        |          | $\vdash$ | ┢                                   | $\vdash$   | $\vdash$ |          | ┢                                   | H  | -             | l  |  |
|       | 140        |          | Т        | T                                   | T          | Т        |          | Т                                   | Г  | Г             | 1  |  |
|       | 141        |          |          |                                     |            |          |          |                                     |  |               | 1  |  |
|       | 142        |          |          |                                     |            |          |          |                                     |  |               | ]  |  |
|       | 143        | L        |          | L                                   |            | $\Box$   |          | Ĺ                                   | 匚  | Ĺ             | Į  |  |
|       | 144        | L        | _        | L                                   | L          | _        | L        | L                                   | L  | _             | Į  |  |
|       | 145        |          |          | _                                   |            | _        |          |                                     | Ŀ  |               | ı  |  |
|       | 146        | _        | L        | <u> </u>                            | -          | -        | <b> </b> | L                                   | <b> </b>   | L             |    |  |
|       | 147<br>148 | <u> </u> | $\vdash$ | ┝                                   | ⊢          | ⊢        | -        | ├-                                  | $\vdash$   | <u> </u>      | l  |  |
| _     | 148        | ⊢        | -        | -                                   | $\vdash$   | -        | $\vdash$ | $\vdash$                            | -  | ⊢             | ı  |  |
|       | 150        | -        | -        | ┢╌                                  | -          | -        | ⊢        | $\vdash$                            | $\vdash$   | $\vdash$      | l  |  |
|       | 130        | Ц        | Ц        | Ц_                                  | Ц.         |          |          | <u> </u>                            | Щ  | Ц.,           | J  |  |